

Patent  
Attorney Docket No. 1030681-000591



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In ~~Section~~ Patent Application of

Hye-yeon Kim et al.

**Application No.: 10/717,621**

**Filing Date: November 21, 2003**

Title: APPARATUS AND METHOD FOR  
ENHANCING QUALITY OF  
REPRODUCED IMAGE

## MAIL STOP

**Group Art Unit: 2624**

**Examiner: Nathan J Bloom**

**Confirmation No.: 8611**

**AMENDMENT/REPLY TRANSMITTAL LETTER**

**Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**

Sir:

Enclosed is a reply for the above-identified patent application.

- ☐ A Petition for Extension of Time is enclosed.
- ☐ \_\_\_\_\_ Terminal Disclaimer(s) and the ☐ \$ 65 ☐ \$ 130 fee per Disclaimer due under 37 C.F.R. § 1.20(d) are enclosed.
- ☐ Also enclosed is/are: \_\_\_\_\_
- ☐ Small entity status is hereby claimed.
- ☐ Applicant(s) requests continued examination under 37 C.F.R. § 1.114 and enclose the ☐ \$ 395 ☐ \$ 790 fee due under 37 C.F.R. § 1.17(e).
- ☐ Applicant(s) requests that any previously unentered after final amendments not be entered. Continued examination is requested based on the enclosed documents identified above.
- ☐ Applicant(s) previously submitted \_\_\_\_\_ on \_\_\_\_\_ for which continued examination is requested.
- ☐ Applicant(s) requests suspension of action by the Office until at least \_\_\_\_\_, which does not exceed three months from the filing of this RCE, in accordance with 37 C.F.R. § 1.103(c). The required fee under 37 C.F.R. § 1.17(i) is enclosed.
- ☐ A Request for Entry and Consideration of Submission under 37 C.F.R. § 1.129(a) (1809/2809) is also enclosed.

- ☐ No additional claim fee is required.
- ☐ An additional claim fee is required, and is calculated as shown below:

AMENDED CLAIMS					
	No. of Claims	Highest No. of Claims Previously Paid For	Extra Claims	Rate	Additional Fee
Total Claims	0	20	0	x \$ 50 (1202)	\$ 0
Independent Claims	0	3	0	x \$ 200 (1201)	0
<input type="checkbox"/> If Amendment adds multiple dependent claims, add \$ 360 (1203)					\$ 0
<b>Total Claim Amendment Fee</b>					<b>\$ 0</b>
<input type="checkbox"/> Small Entity Status claimed - subtract 50% of Total Claim Amendment Fee					0
<b>TOTAL ADDITIONAL CLAIM FEE DUE FOR THIS AMENDMENT</b>					<b>\$ 0</b>


- ☐ Charge \_\_\_\_\_ to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of \_\_\_\_\_ is enclosed for the fee due.
- ☐ Charge \_\_\_\_\_ to credit card for the fee due. Form PTO-2038 is attached.
- ☒ The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.20(d) and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BUCHANAN INGERSOLL & ROONEY PC

Date April 27, 2007

By:

  
Charles F. Wieland III  
Registration No. 33096

P.O. Box 1404  
Alexandria, VA 22313-1404  
703 836 6620

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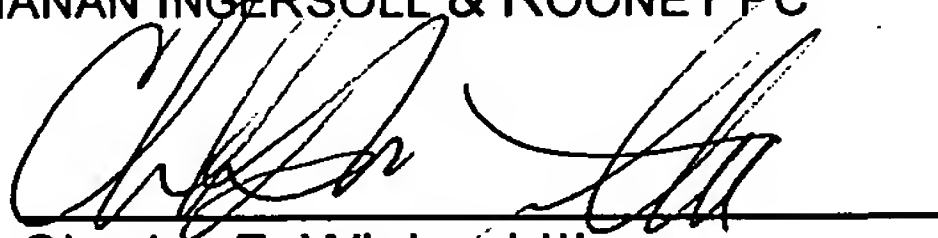
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Respectfully submitted,

BUCHANAN INGERSOLL & ROONEY PC

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**RESPONSE TO ELECTION OF SPECIES REQUIREMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Applicants respectfully traverse the Election of Species Requirement of March 27, 2007. In the Requirement, the Patent Office identifies two species with Specie I corresponding to FIGS. 2 and 5 and Specie II corresponding to FIGS. 3A and 6, suggesting that no claim is generic to both species. The two identified species correspond to the first and second embodiments as identified throughout the specification. According to the undersigned's review, Specie I appears to include claims 1-11, 36-46, 71 and 72, whereas Specie II appears to include claims 12-24 and 47-59. However, at least claims 25-35, 60-70 and 73-75 are generic. Hence, Applicants respectfully submit that the election of either species must include these generic claims.

For completeness, Applicants elect Specie I, claims 1-11, 25-46 and 60-75. Only claims 12-24 and 47-59 are specific to the second specie. It is respectfully submitted that the inclusion of these Specie II claims in the examination would not pose an undue burden on the Office and should be examined concurrently with the


other claims, but recognize that they will be rejoined upon the allowance of a generic claim.

Respectfully submitted,

BUCHANAN INGERSOLL & ROONEY PC

Date: April 27, 2007

By:

  
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Registration No. 33096

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